AMERICAN JOURNAL OF MATHEMATICS

Founded in 1878 by The Johns Hopkins University

INDEX TO VOLUME 121 1999

PAGE

BAHOURI, HAJER, and JEAN-YVES CHEMIN. Équations d'ondes quasilinéaires et estimations de Strichartz 1337

BAHOURI, HAJER, and PATRICK GÉRARD. High frequency approximation of solutions to critical nonlinear wave equations 131

BALL, JOSEPH A., and VICTOR VINNIKOV. Zero-pole interpolation for matrix meromorphic functions on a compact Riemann surface and a matrix Fay trisecant identity 841

BERENSTEIN, CARLOS A., and ALAIN YGER. Residue calculus and effective Nullstellensatz 723

BERTOLINI, M., and H. DARMON. Euler systems and Jochnowitz congruences 259

BURNS, DANIEL and XIANGHONG GONG. Singular Levi-flat real analytic hypersurfaces 23

CHANG, SUN-YUNG A., MATTHEW J. GURSKY, and PAUL C. YANG. Regularity of a fourth order nonlinear PDE with critical exponent 215

CHEMIN, JEAN-YVES. See BAHOURI, HAJER.

CHI, MEI-HSIU, and JYH-YANG WU. A matrix theory for finite group actions 199

CHRISTIANSEN, T. Weyl asymptotics for the Laplacian on asymptotically Euclidean spaces 1

COHEN, ALBERT, RONALD DEVORE, PENCHO PETRUSHEV, and HONG XU. Nonlinear approximation and the space $BV(\mathbb{R})^2$ 587

CORDARO, PAULO D., and JORGE HOUNIE. Local solvability for top degree forms in a class of systems of vector fields 487

DARMON, H. See BERTOLINI, M.

DEBARRE, OLIVIER. On the Euler characteristic of generalized Kummer varieties 577

DEVORE, RONALD. See COHEN, ALBERT.

DUMMIGAN, NEIL, and PHAM HUU TIEP. Lower bounds for the minima of certain symplectic and unitary group lattices 889

ERNSTRÖM, LARS, and GARY KENNEDY. Contact cohomology of the projective plane 73

GÉRARD, PATRICK. See BAHOURI, HAJER.

GONG, XIANGHONG. See BURNS, DANIEL.

GORESKY, MARK, and YUNG-SHENG TAI. Toroidal and reductive Borel-Serre compactifications of locally symmetric spaces 1095

GURSKY, MATTHEW J. See CHANG, SUN-YUNG A.

HOUNIE, JORGE. See CORDARO, PAULO D.

HUANG, JING-SONG, and JIAN-SHU LI. Unipotent representations attached to spherical nilpotent orbits 497

HÜBL, REINHOLD, and AMNON YEKUTIELI. Adelic Chern forms and applications 797

ITOKAWA, YOE, and RYOICHI KOBAYASHI. Minimizing currents in open manifolds and the $n-1$ homology of nonnegatively Ricci curved manifolds. 1253

IVASHKOVICH, S. An example concerning extension and separate analyticity properties of meromorphic mappings 97

JIANG, XINHUI, and HONGBING SU. On a simple unital projectionless C^*-algebra 359

KATSURADA, HIDENORI. An explicit formula for Siegel series 415

KEEL, MARKUS, and TERENCE TAO. Small data blow-up for semilinear Klein-Gordon equations 629

KENNEDY, GARY. See ERNSTRÖM, LARS.

KIM, JU-LEE. Hecke algebras of classical groups over p-adic fields and supercuspidal representations 967

KLARREICH, ERICA. Semiconjugacies between Kleinian group actions on the Riemann sphere 1031

KOBAYASHI, RYOICHI. See ITOKAWA, YOE.

KONDŌ, SHIGEYUKI. The maximum order of finite groups of automorphisms of $K3$ surfaces 1245

KUWATA, TAKAYASU. On log canonical thresholds of reducible plane curves. 701

LE MERDY, CHRISTIAN. An operator space characterization of dual operator algebras 55

LEHNER, FRANZ. Computing norms of free operators with matrix coefficients 453

LEJEUNE-JALABERT, MONIQUE, and ANA J. REGUERA-LÓPEZ. Arcs and wedges on sandwiched surface singularities 1191

LI, JIAN-SHU. See HUANG, JING-SONG.

LI, YANYAN, and GILBERT WEINSTEIN. A priori bounds for co-dimension one isometric embeddings 945

LU, ZHIQIN. On the geometry of classifying spaces and horizontal slices 177

LYUBEZNIK, GENNADY, and KAREN E. SMITH. Strong and weak F-regularity are equivalent for graded rings 1279

MAHOWALD, MARK, and CHARLES REZK. Brown-Comenetz duality and the Adams spectral sequence 1153

MARKUSHEVICH, D., and YU. G. PROKHOROV Exceptional quotient singularities 1179

NAKAMURA, HIROAKI. Limits of Galois representations in fundamental groups along maximal degeneration of marked curves, I 315

PETRUSHEV, PENCHO. See COHEN, ALBERT.

PHONG, D. H., E. M. STEIN, and J. A. STURM. On the growth and stability of real-analytic functions 519

PROKHOROV, YU. G. See MARKUSHEVICH, D.

REGUERA-LÓPEZ, ANA J. See LEJEUNE-JALABERT, MONIQUE.

RENARD, DAVID. Endoscopy for $\mathrm{Mp}(2n, \mathbb{R})$. 1215

REZK, CHARLES. See MAHOWALD, MARK.

RONG, XIAOCHUN. Positive curvature, local and global symmetry, and fundamental groups 931

SA EARP, RICARDO, and ERIC TOUBIANA. Classification des surfaces de type Delaunay 671

SHIODA, TETSUJI, and TOMOHIDE TERASOMA. Existence of simple Jacobian varieties of genus g with rank at least $4g + 5$ 65

SINGH, ANURAG K. F-regularity does not deform 919

SMITH, KAREN E. See LYUBEZNIK, GENNADY. .....

STEIN, E. M. See PHONG, D. H.

STEIN, ELIAS M., and STEPHEN WAINGER. Discrete analogues in harmonic analysis, I: ℓ^2 estimates for singular radon transforms 1291

STURM, J. A. See PHONG, D. H.

SU, HONGBING. See JIANG, XINHUI.

TAI, YUNG-SHENG. See GORESKY, MARK.

TAO, TERENCE. See KEEL, MARKUS.

TERASOMA, TOMOHIDE. See SHIODA, TETSUJI.

TIEP, PHAM HUU. See DUMMIGAN, NEIL.

TOUBIANA, ERIC. See SA EARP, RICARDO.

VINNIKOV, VICTOR. See BALL, JOSEPH A.

VOJTA, PAUL. Integral points on subvarieties of semiabelian varieties, II 283

VORONOV, ALEXANDER A. Semi-infinite induction and Wakimoto modules .. 1079

WAINGER, STEPHEN. See STEIN, ELIAS M.

WEINSTEIN, GILBERT. See LI, YANYAN.

WOOD, JAY A.. Duality for modules over finite rings and applications to coding theory 555

WU, JYH-YANG. See CHI, MEI-HSIU.

XU, HONG. See COHEN, ALBERT.

YANG, PAUL C. See CHANG, SUN-YUNG A.

YEKUTIELI, AMNON. See HÜBL, REINHOLD.

YGER, ALAIN. See BERENSTEIN, CARLOS A.